

United States Patent [19]

Lemaire et al.

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[54] **CONDUCTIVE POLYMERS DERIVED FROM 3-ALKYLTHIOPHENES, A PROCESS FOR MANUFACTURING THEM AND ELECTROCONDUCTIVE DEVICES CONTAINING THEM**

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[30] **Foreign Application Priority Data**

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[58] **Field of Search** 204/59, 72, 78, 291; 252/500, 518, 512, 182.1; 429/194, 213, 212; 350/357; 528/380, 378, 379; 526/256; 524/401, 439, 405, 415, 438, 412, 423, 408, 164; 136/252, 263

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[57] **ABSTRACT**

The subject of the invention is mainly an electrically conductive polymer containing repeated units derived from 3-alkylthiophenes in which the alkyl substituent contains from six to nine carbon atoms.

The invention also relates to a process for manufacturing these polymers and to electroconductive devices containing them.

19 Claims, No Drawings